6-6-11

WORK SHEET & APPLICATION FOR SEWER CONNECTION

PART A: STORM SEWER CONNECTIONS

1. ☒ Yes ☐ No Will sewer contain any sanitary or process wastewater, or non-contact cooling water? **If YES go to Part B, Sanitary Sewers.**

2. ☐ Yes ☒ No Will sewer discharge to a natural outlet, e.g. swell, earthen channel, open ditch or culvert?

3. ☐ Yes ☒ No Will sewer discharge to the Grand Calumet River or Indiana Harbor Ship Canal? If YES, submit plans for solids control.

4. ☐ Yes ☒ No Will sewer discharge to a combined sewer? If YES, the design is prohibited by Local Ordinance & State and Federal Regulations.

5. ☐ Yes ☒ No Will sewer discharge into a storm relief sewer? If YES, the sewer must conform with Long Term CSO Plan.

6. ☐ **Go to Part D, Sewer Connection Permit Application**

PART B: SANITARY SEWER CONNECTIONS (INCLUDES PROCESS SEWERS)

1. ☐ Yes ☒ No Will sewer discharge to a storm sewer or natural outlet? If YES, the design is prohibited by Local Ordinance & State and Federal Regulations.

2. ☐ Yes ☒ No Will discharge include septic tank discharge or drawdown, chemical toilet drawdown or other trucked wastewater? If YES, then you must complete Part C, Wastewater Discharge Permit Application.

3. Will sewer discharge or cause to be discharged any of the following:

☐ Yes ☒ No a. storm water,
☐ Yes ☒ No b. parking lot drainage,
☐ Yes ☒ No c. street drainage,
☐ Yes ☒ No d. subsurface drainage,
☐ Yes ☒ No e. roof drainage, or
☐ Yes ☒ No f. yard drainage,

If YES to any of the above, a second lateral for stormwater is required. Complete Part A, Storm Sewer.

4. ☐ Yes ☒ No Is the sewer for a residential user, single dwelling? If YES, SKIP to item 9.

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5. ☐ Yes ☒ No Is the sewer for a residential user, multi-family dwelling? If YES, SKIP to item 6.

6. ☒ Yes ☐ No Will the connection have a kitchen, or other operation, which could introduce fats and oils into the wastewater discharge? If YES, design requires an interceptor of type and capacity approved by the East Chicago Sanitary District and East Chicago Building Codes.

7. Will any of the following criteria be true for the sewer connection?

☒ Yes ☐ No a. the length of sewer exceeds 300 ft;
☒ Yes ☐ No b. the sewer serves a population of twenty-five (25) or more;
☒ Yes ☐ No c. the wastewater flow served by the sewer is equal to or greater than two thousand five hundred (2,500) gallons per day;
☐ Yes ☒ No d. the sewer replaces existing equipment, and will increase the hydraulic design or capacity;
☐ Yes ☒ No e. the sewer discharges or causes to be discharges wastewater that will adversely change the District's wastewater treatment plant operations, its hydraulic design or effluent quality, or the collection system design, operations or capacity.

If YES to any of the above, an Indiana State Construction Permit is required under 327 IAC Article 3. Contact the Indiana Department of Environmental Management for the proper application forms and procedures.

8. Will the sewer discharge or cause to be discharged any of the following:

☒ Yes ☐ No a. non-residential wastewater, including process water, building drainage from process areas, or kitchen wastes, air pollution scrubbers;
☐ Yes ☒ No b. contact cooling water;
☐ Yes ☒ No c. non-contact cooling water, including air conditioning, cooling or refrigeration condensation, to which the only pollutant added is heat; or
☐ Yes ☒ No d. wastewater containing a bioaccumulating chemical of concern.

If YES to any of the above, go to Part C, Wastewater Discharge Permit Application

9. ☒ Yes ☐ No Will sewer discharge or cause to be discharged any wastewater from a National Categorical Industrial User (NCIU)? An NCIU is an industrial user whose operations have specific quantities or concentrations of pollutants or pollutant properties lists under 40 CFR, Parts 405 to 471 inclusive. If YES, Skip to Part C, Industrial Wastewater Permit Application.

10. ☐ **Go to Part D, New Sewer Construction Permit Application.**

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PART C: WASTEWATER DISCHARGE PERMIT APPLICATION

(An initial meeting with the District's Pretreatment Group is strongly recommended before completing.)

I GENERAL INFORMATION

- ☐ New Facility
- ☐ Process Change/Addition
- ☑ Renewal

1. Company Name: UNITED TRANSPORTATION GROUP

2. Facility Address: 1150 E. 145th ST.
EAST CHICAGO, IN 46312

3. Mailing Address: ☑ same as above OR

4. Name & Title of Signing Official:
Name: FREDERICK J. DAVIS
Title: WWT OPERATOR

5. Person Responsible for Completing this Form:
Name: FREDERICK J. DAVIS
Title: WWT OPERATOR
Telephone No. (219) 398-7777

6. Anticipated Date of Startup

II BUSINESS ACTIVITY

1. If your facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous wastes), place a check beside the category of business activity (check all that apply).

- ☐ GRAIN MILLING
- ☐ CANNED AND PRESERVED FRUITS AND VEGETABLES PROCESSING

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- [ ] SUGAR PROCESSING
- [ ] TEXTILE MILLS
- [ ] CEMENT MANUFACTURING
- [ ] CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFO)
- [ ] ELECTROPLATING
- [ ] ORGANIC CHEMICALS, PLASTICS, AND SYNTHETIC FIBERS
- [ ] INORGANIC CHEMICALS MANUFACTURING
- [ ] SOAP AND DETERGENT MANUFACTURING
- [ ] FERTILIZER MANUFACTURING
- [ ] PETROLEUM REFINING
- [ ] IRON AND STEEL MANUFACTURING
- [ ] NONFERROUS METALS MANUFACTURING
- [ ] PHOSPHATE MANUFACTURING
- [ ] STEAM ELECTRIC POWER GENERATING
- [ ] FERROALLOY MANUFACTURING
- [ ] LEATHER TANNING AND FINISHING
- [ ] GLASS MANUFACTURING
- [ ] ASBESTOS MANUFACTURING
- [ ] RUBBER MANUFACTURING
- [ ] TIMBER PRODUCTS PROCESSING
- [ ] THE PULP, PAPER, AND PAPERBOARD
- [ ] MEAT AND POULTRY PRODUCTS
- [ ] METAL FINISHING
- [ ] COAL MINING
- [ ] OIL AND GAS EXTRACTION
- [ ] MINERAL MINING AND PROCESSING
- [ ] CENTRALIZED WASTE TREATMENT
- [ ] METAL PRODUCTS AND MACHINERY
- [ ] PHARMACEUTICAL MANUFACTURING
- [ ] ORE MINING AND DRESSING
- [x] TRANSPORTATION EQUIPMENT CLEANING
- [ ] PAVING AND ROOFING MATERIALS (TARS AND ASPHALT)
- [ ] WASTE COMBUSTION
- [ ] LANDFILLS
- [ ] PAINT FORMULATING
- [ ] INK FORMULATING
- [ ] CONCENTRATED AQUATIC ANIMAL PRODUCTION
- [ ] GUM AND WOOD CHEMICALS MANUFACTURING
- [ ] PESTICIDE CHEMICALS
- [ ] EXPLOSIVES MANUFACTURING
- [ ] CARBON BLACK MANUFACTURING
- [ ] PHOTOGRAPHIC
- [ ] HOSPITAL
- [ ] BATTERY MANUFACTURING

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- ☐ PLASTICS MOLDING AND FORMING
- ☐ METAL MOLDING AND CASTING
- ☐ COIL COATING
- ☐ PORCELAIN ENAMELING
- ☐ ALUMINUM FORMING
- ☐ COPPER FORMING
- ☐ ELECTRICAL AND ELECTRONIC COMPONENTS
- ☐ NONFERROUS METALS FORMING AND METAL POWDERS

A facility with processes inclusive in these business areas may be covered by Environmental Protection Agency's (EPA) categorical pretreatment standards. These facilities are termed "categorical users".

2. Give a brief description of all operations at this facility including primary products or services (attach additional sheets if necessary): THE FACILITY CLEANS BOTH RAILCARS AND TANK TRAILERS. ONCE ~~HOSES~~ ARE TAKEN OUT, RAILCARS AND/OR TRUCKS ARE WASHED WITH CAUSTIC SOLUTION, SOAP, OR WATER, ALL WASH WATER AGENTS PUMPED TO OUR WASTE WATER TREATMENT, THE WATER IS TREATED AND DISCHARGED TO THE CITY

3. Indicate applicable Standard Industrial Classification (SIC) for all processes (If more than one applies, list in descending order of importance.):

a. 4741 RAIL
b. 7699 TRUCK
c. _____
d. _____
e. _____

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WORK SHEET & APPLICATION FOR SEWER CONNECTION

4. PRODUCT VOLUME:

PRODUCT (Brand name)	PAST CALENDAR YEAR Amounts Per Day (Daily Units)		ESTIMATE THIS CALENDAR YEAR Amounts Per Day (Daily Units)	
	Average	Maximum	Average	Maximum

3. Raw materials utilized: N/A

4. Materials present in production area not directly involved with the production, but may be discharged to the sewer system: N/A

III DISCHARGE INFORMATION

1. Time of day of discharge:
- ☐ continuous
- ☐ intermittent
- ☒ batch
- ☐ specific shift(s), define: _____

2. Duration of discharge:
- ☐ Daily (Sunday through Saturday)
- ☒ Weekdays (Monday through Friday)
- ☐ Monday through Saturday
- ☐ Other, define: _____

3. Average daily wastewater flow rate(s): 20,000 gpd. (include daily, monthly or seasonal variations, if any)

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United Rail Service, Inc.
East Chicago, IN
Flow Process

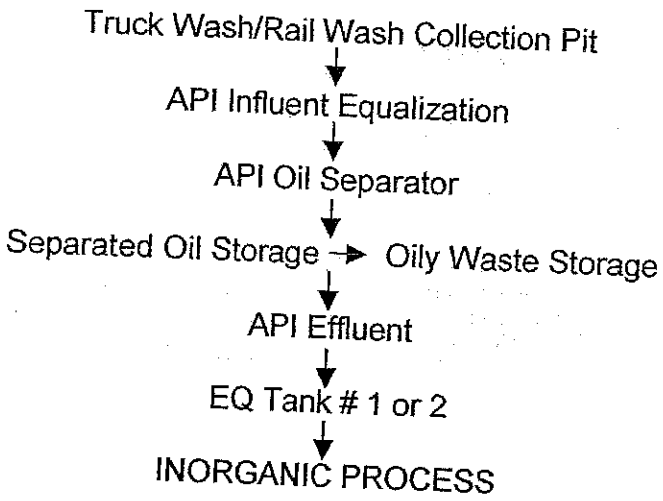
Original
02.1993

Revised
12.2000

INORGANIC

Truck Wash/Rail Wash Collection Pit
↓
EQ Tank # 1
↓
EQ Tank # 2
↓
DAF Mix Tank
↓
DAF
↓
Neutralization Tank # 1
↓
Neutralization and Precipitation Tank # 2
↓
Lamella Clarifier
↓
Tube Unit
↓
Final Clarification Tank
↓
Final Effluent Catch Basin
↓
City Sewer

ORGANIC


Truck Wash/Rail Wash Collection Pit
API Influent Equalization
API Oil Separator
Separated Oil Storage
Oily Waste Storage
API Effluent
EQ Tank # 1 or 2
INORGANIC PROCESS

WORK SHEET & APPLICATION FOR SEWER CONNECTION

4. Description of flow measuring equipment (include range, primary device, secondary device(s), manufacturer and model numbers): FINAL FLOW METER

NEPTUNE ANALOG READ 2"

5. If discharge will include any of the following, note percentage of average daily flow contributed by each source:

☐	contact cooling water	N/A %
☐	noncontact cooling water	N/A %
☒	stormwater, yard drainage	1 %
☒	stormwater, parking lot drainage	1 %
☒	roof drainage	1 %
☐	groundwater remediation	N/A %
☐	septic tank waste or draw down	N/A %
☐	chemical toilet draw down	N/A %
☐	other trucked in wastewater (specify)	N/A %

6. Schematic Flow Diagram - For each major activity in which wastewater is or will be generated, draw or attach a diagram of the flow of materials, products, water, and wastewater from the start of the activity to its completion, showing all unit processes. Indicate which processes use water and which generate wastestreams. Include the average daily volume and maximum daily volume of each wastestream [new facilities may estimate]. If estimates are used for flow data this must be indicated. Number each unit process having wastewater discharges to the community sewer. Use these numbers when showing these unit processes in the building layout in Part D. This drawing must be certified by a State Registered Professional Engineer.

Please send completed worksheet to:

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7. For Non-Categorical Users Only: List average wastewater discharge, maximum discharge, and type of discharge (batch, continuous, or both), for each plant process. Include the reference number from the process schematic that corresponds to each process. [New facilities should provide estimates for each discharge].

No.	Process Description	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (batch, continuous, none)

8. For Categorical Users: Provide the wastewater discharge flows for each of your processes or proposed processes. Include the reference number from the process schematic that corresponds to each process. [New facilities should provide estimates for each discharge].

No.	Regulated Process	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (batch, continuous, none)

No.	Unregulated Process	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (batch, continuous, none)

No.	Dilution	Average Flow (GPD)	Maximum Flow (GPD)	Type of Discharge (batch, continuous, none)

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9. Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics? Consider production processes as well as air or water pollution treatment processes that may affect the discharge.

☐ Yes
☒ No, (skip question 10)

10. Briefly describe these changes and their effects on the wastewater volume and characteristics: (Attach additional sheets if needed.)_____

_____

_____

11. Wastewater Constituents and Characteristics: **(For each process discharge complete items 11 through 25 on a new form)**

Compound or Pollutant Group	Present (Y ar N)	Suspected (Y or N)	Concentration (K)nown or (E)xpected
1. Ammonia-Nitrogen			77,0
2. Total Phosphorus			5,5
3. Total Suspended Solids			N/A
4. Chemical Oxygen Demand			N/A
5. Oil & Grease (n-hexane procedure)			56,0
6. Cyanide, amenable to chlorination			0,407
7. Phenolics (4-AAP)			0,7
8. Total Dissolved Solids			N/A
9. Chloride			N/A
10. Fluoride			N/A
11. Sulfate			2,9
12. Total Residual Chlorine			N/A
13. Arsenic			0,20
14. Cadmium			0,240
15. Chromium, total			0,140
16. Copper			0,170
17. Lead			0,224
18. Mercury			0,0002
19. Molybdenum			0,2
20. Nickel			0,340
21. Silver			0,050
22. Thallium			4,3
23. Zinc			5,5

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24. bis(2-ethylhexylphthalate)			N/A
25. Fluoranthene			N/A
26. Bioaccumulating Chemicals of Concern			N/A
27. Others, please specify below.			
a.			
b.			
c.			
d.			

12. ☐ Yes ☒ No Will process discharge have any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone of by interaction to cause fire or explosion or be injurious in any way to the operation of the District's treatment facility.

13. ☐ Yes ☒ No Will process discharge contain any solid or viscous substances, which will or may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater collection system?

14. ☐ Yes ☒ No Will the process discharge have a pH of less than 5.0 or greater than 10.0?

15. ☐ Yes ☒ No Will me process discharge contain toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of the District's effluent, or exceed the limitation set forth in an applicable pretreatment standard?

16. ☐ Yes ☒ No Will the process discharge contain any noxious or malodorous liquids, gases (including smoke, vapors, and fumes), or solids which either singly or by interaction are capable of creating a public nuisance or hazard to life or are sufficient to prevent entry into any part of the District's facility for its maintenance and repair?

17. ☐ Yes ☒ No Will the process discharge contain any substance which may cause the District's effluent or treatment residues, sludges, or scums to be unsuitable for reclamation and reuse or to interfere with the reclamation process?

18. ☐ Yes ☒ No Will the process discharge contain any substance, which will cause the District to violate its NPDES Permit and/or disposal permits?

19. ☐ Yes ☒ No Will the process discharge contain any substance with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions?

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20. ☐ Yes ☒ No Will the process discharge exceed a temperature of 40 degrees Celsius (104 degrees Fahrenheit)?

21. ☐ Yes ☒ No Will the process discharge contain any slug load, which shall mean any pollutant, including oxygen demanding pollutants (COD, BOD, etc.), released at a flow rate and/or pollutant concentration which will cause interference at the District's treatment facility?

22. ☐ Yes ☒ No Will the process discharge contain any radioactive wastes or isotopes (other than naturally occurring)?

23. ☐ Yes ☒ No Will the process discharge contain wastewater, which causes a hazard to human life or creates a public nuisance?

24. Please provide the appropriate information in accordance with Sections 5.02.2 **Permit Application** which is Section13.13.5.02.1 of the new Ordinance and 5.02.2 (h), 5.02(i) which, is 13.13.02.2 (h) and (i) of the Amended and Restated Wasted Discharge Ordinance 06-0007 replacing Ordinance No. 0-93-0017.

25. ☒ Yes ☐ No A pretreatment facility will be required to comply with local applicable pretreatment limitations. If YES, submit plans and specifications with application.

"I certify that the information contained in this permit application is true, complete and accurate."

5/5/11 _____ Franklin J Davis _____

Date Signature of Company Official

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UTG will have the DAF repaired and flow restored to the treatment system to improve water quality. The flow will also incorporate the final pump and flow meter. This repair work will be completed by the end of June.